

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ZWPREHTR01

10 kW Electric Preheater

for Split Compact DOAS



Electrical:

Power Supply (V/Hz/Ø)	208/230V, 60Hz, 1Ph
Control Field supplied 4 conductor wiring connects to DOAS controller	
Capacity (kW@208V)	9.9
Heater Amps (Amps@208V)	47.6

Heater Compatibility:

Multi V	ARND153DCR4; ARND203DCR4
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Unit Data:

Shipping Weight (lbs)	425
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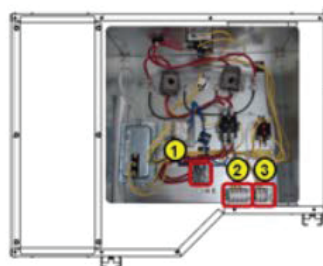
Split DOAS EAT Limit with 10kW Preheater

Airflow Rate (CFM)	Min Entering Air Temperature (F)
1000	-18
1100	-15
1200	-12
1300	-10
1400	-9
1500	-7
1600	-6
1700	-5
1800	-4
1900	-3
2000	-2

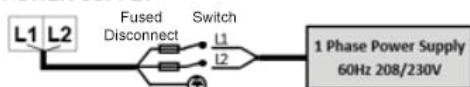
Notes:

1. Must follow instructions in applicable LG installation manual.
2. Must follow all applicable local and national codes.
3. Requires separate power supply.
4. SCR controlled heater; 24 volt control voltage.
5. Airflow safety switch.
6. Fan interlock (enable/disable).
7. Washable mesh filter, 20" x 25" x 1" (Qty of 2).
8. MERV 8 filter, 20" x 25" x 2" (Qty of 2).
9. (2) Toolless filter access panels.
10. Requires field provided 4 conductor, 18 AWG, stranded, shielded low voltage wiring between Electric Preheater and Split Compact DOAS.

Electric Preheater



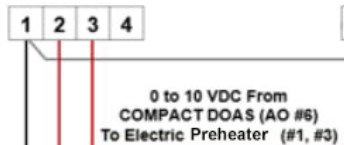
① POWER SUPPLY



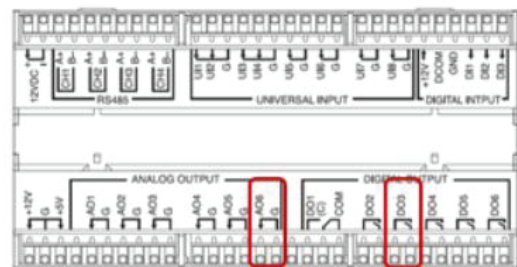
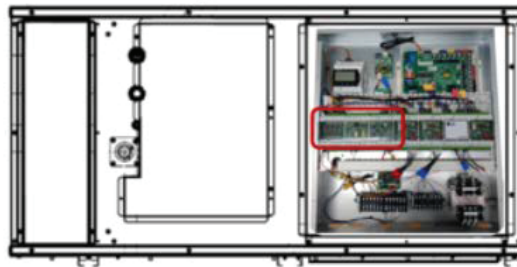
② INTERFACE MODULE

1 2 3 4

③ 24VAC to Enable Heat



Compact DOAS



Heater Enable Signal
From COMPACT DOAS (DO #3)
To Electric Preheater (#2, F)



For a complete list of available accessories, contact your LG representative.

For continual product development, LG reserves the right to change specifications without notice.

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